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Serial No.: 10/672,106

Attorney Docket No.: 2003P08211US

**PATENT**  
**ATTORNEY DOCKET**  
**NO. 2003P08211 US**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Caspi, et al.  
Serial No.: 10/672,106  
Filed: September 26, 2003  
Title: **SYSTEM AND METHOD FOR  
PRESENCE ALARMING**  
Group Art Unit: 2617  
Examiner: Marsh

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) By: 

Declaration under 37 CFR 1.131

1. I, Rami Caspi, am the inventor of the above-identified patent application.
2. I reside at 1420 Kingfisher Way, Sunnyvale, CA 94087.
3. I have been employed by Siemens Communications, Inc. and by its predecessor(s), Siemens Information and Communications Networks, Inc., and Siemens Business Communications Systems, Inc., since prior to September 6, 2003.
4. Prior to September 6, 2003, I and my co-inventor conceived an embodiment of the invention titled "**SYSTEM AND METHOD FOR PRESENCE ALARMING.**"
5. Prior to August 17, 2001, I submitted to the Siemens Intellectual Property Department an Invention Disclosure, including a description of the invention (Exhibit A).
6. The invention disclosure includes, inter alia, the following text:

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In addition, this technology can be combined to form a more efficient and user-friendly "electronic leash" for monitoring children to prevent kidnapping, and property (cars/laptops etc.) to prevent loss. One application is simple monitoring of a device out a predetermined range. A physical object or person in question (car, child, laptop, etc.) is set to be in a desired range. The administrator of the device can program this range using a graphical user interface, typically a web browser. The parent can set geographical areas along with times of day, etc. So a child would need to be in their school at certain times, etc. Anything out of range triggers the alarm. You could protect your child (or in a similar way, a pet) with a device based on this concept which is tied to your child's ankle, wrist, etc.

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Parole-officers could use it as a tool for tracking criminals who are on parole. In this case, the device will be tamper proof and permanently attached to the ankle of the parolee with a key which is held by the parole officer. This will prevent the need of physically reporting to the parole officer, which will increase efficiency and allow each officer to handle more cases.

Any of this tracking could be enhanced beyond monitoring for a predefined location, and instead monitoring based on a route and daily routine. Exceptions to the routine could be requested by the parolee using a web-based interface. For example, if the parolee is typically shopping in one neighborhood, but can't find an item, they could request permission to shop at another location or in general request a single change to their daily routine. The parole officer could then review this request and either approve or deny the change and then the new locations are downloaded to the monitoring device.

Optionally, the monitoring device could be equipped with an alarm mechanism so that when it goes out of range, not only does it call the central monitoring station, but an audible alarm occurs locally to call attention to the condition. The audible alarm can start with a single low volume beep to draw the attention of the device owner to the fact that it is out of its designated area, in case it was done unintentionally. The alarm intensity could rise in frequency and intensity as the device is being taken farther away from its designated area, up until it is constantly on.

This could help prevent a child from being kidnapped or protected money bag from being taken far from a bank, or whatever object or person is being monitored from unobtrusively leaving the predetermined range. Optionally, intermediate audio alarms could sound to alert the user that they are about to go out of range, or give them a chance to get back in range within a predetermined time before calling the remote server.

7. Of information and belief, this Invention Disclosure establishes a completion of the invention.

8. Of information and belief, the Invention Disclosure was subsequently assigned to patent counsel for preparation as a patent application.


9. Upon completion of preparation, I reviewed the patent application, executed a Declaration, and the patent application was filed.

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10. Of information and belief, at all times prior to filing, the invention was maintained as Siemens confidential information and not available to the public.

11. All statements made of my knowledge are true. All statements made of information and belief are believed true. I acknowledge that willful false statements and the like are punishable by fine or imprisonment, or both, and may jeopardize the validity of the application or any patent issuing thereon.

By:   
Rami Caspi

Date: 6/7/07